

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Rudy HOEBEKE, et al.

Attorney Docket Q63420

Appln. No.: not yet assigned

Group Art Unit: not yet assigned

Confirmation No.: not yet assigned

Examiner: not yet assigned

Filed: March 16, 2001

For: PROCESS FOR RECEIVING MULTICAST DATA, AS WELL AS A
COMMUNICATIONS NETWORK, CUSTOMER PREMISES NETWORK
TERMINATION, INTERNET ACCESS SERVER AND PROGRAM MODULES FOR
EXECUTING AN ADDITIONAL PROTOCOL FOR SAID PROCESS

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

The specification is changed as follows:

Page 6 (as shown on the specification), after the title insert the heading

Background of the Invention

Page 9, after line 15 (not including the paragraph spacing), insert the heading

Summary of the Invention

after line 26, insert the heading

Brief Description of the Drawings

Page 10, after line 10, insert the heading

Detailed Description of the Invention

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IN THE ABSTRACT:

**Please delete the present Abstract of the Disclosure and replace it with the following
new Abstract of the Disclosure.**

Abstract

A process for receiving multicast data from a communications network, in particular from the Internet, with logical point-to-multipoint connections between a sender of multicast data and several subscribers (PC1, PC2), wherein a protocol for participation in a multicast group is executed between the subscribers (PC1, PC2) and a network element (NAS) remote from the subscribers, in which process for the case where tunnel connections exist between the subscribers (PC1, PC2) and the network element (NAS) remote from the subscribers, an additional protocol is executed between the network element (NAS) remote from the subscribers and a network element (CPNT) local to the subscribers, as a result of which identical multicast data of several parallel tunnel connections are sent out only once between these network elements, as well as a communications network, a subscriber network terminal (CPNT), an Internet access server (NAS) and program modules for the process.

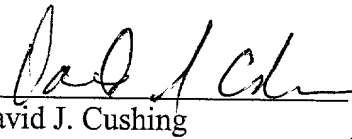
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REMARKS

Entry and consideration of this Amendment are respectfully requested.

Respectfully submitted,

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Date: March 16, 2001

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The specification is changed as follows:

Page 6 (as shown on the specification), after the title insert the heading

Background of the Invention

Page 9, after line 16 (not including the paragraph spacing), insert the heading

Summary of the Invention

after line 28, insert the heading

Brief Description of the Drawings

Page 10, after line 10, insert the heading

Detailed Description of the Invention

IN THE ABSTRACT OF DISCLOSURE:

The abstract is changed as follows:

Abstract

~~Process for receiving multicast data, as well as a communications network, subscriber network terminal, Internet access server and program modules for executing an additional protocol for said process.~~

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~~The invention concerns a~~ process for receiving multicast data from a communications network, in particular from the Internet, with logical point-to-multipoint connections between a sender of multicast data and several subscribers (PC1, PC2), wherein a protocol for participation in a multicast group is executed between the subscribers (PC1, PC2) and a network element (NAS) remote from the subscribers, in which process for the case where tunnel connections exist between the subscribers (PC1, PC2) and the network element (NAS) remote from the subscribers, an additional protocol is executed between the network element (NAS) remote from the subscribers and a network element (CPNT) local to the subscribers, as a result of which identical multicast data of several parallel tunnel connections are sent out only once between these network elements, as well as a communications network, a subscriber network terminal (CPNT), an Internet access server (NAS) and program modules for ~~said~~the process.

(Fig. 3)